

Fig. 1

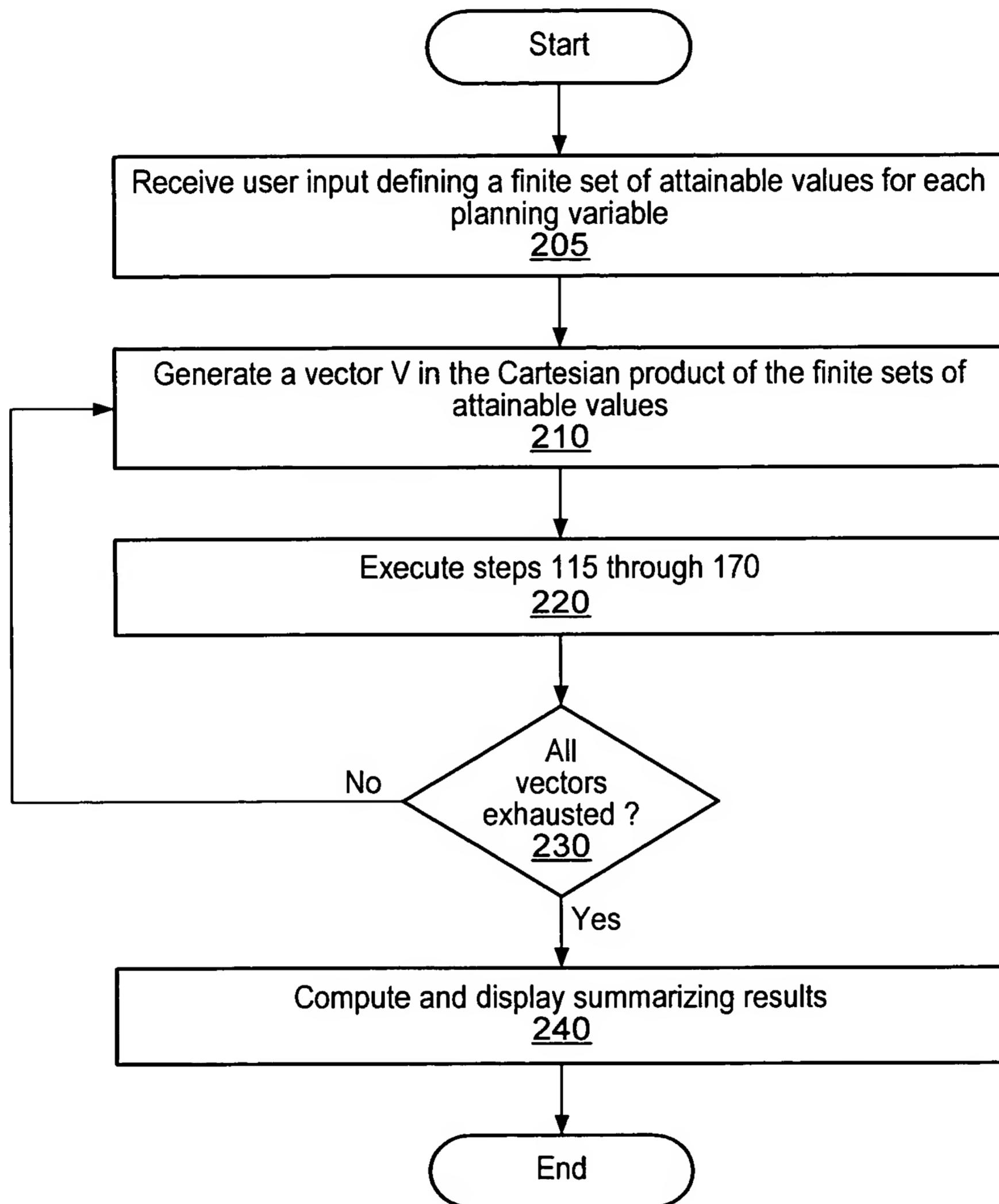


Fig. 2

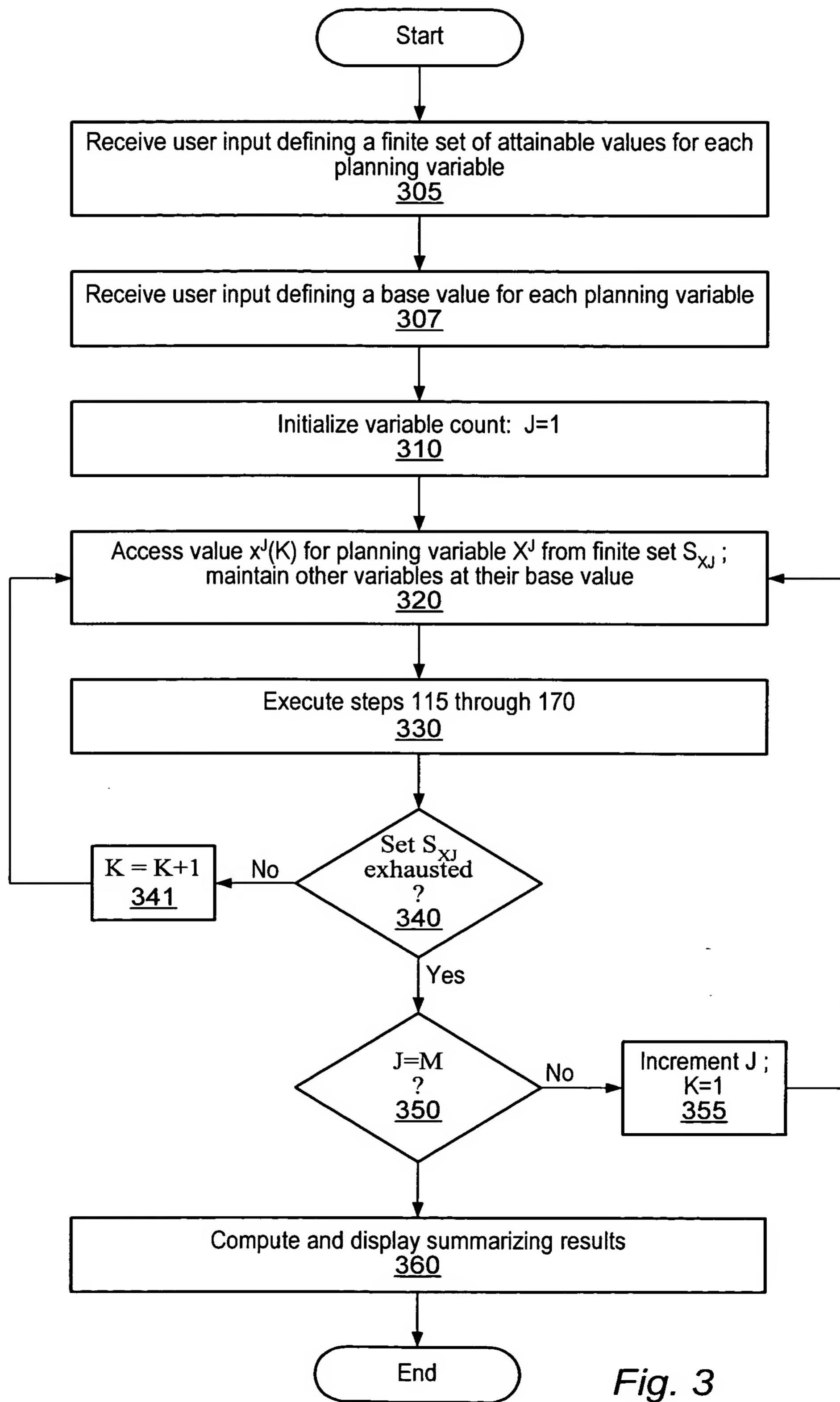


Fig. 3

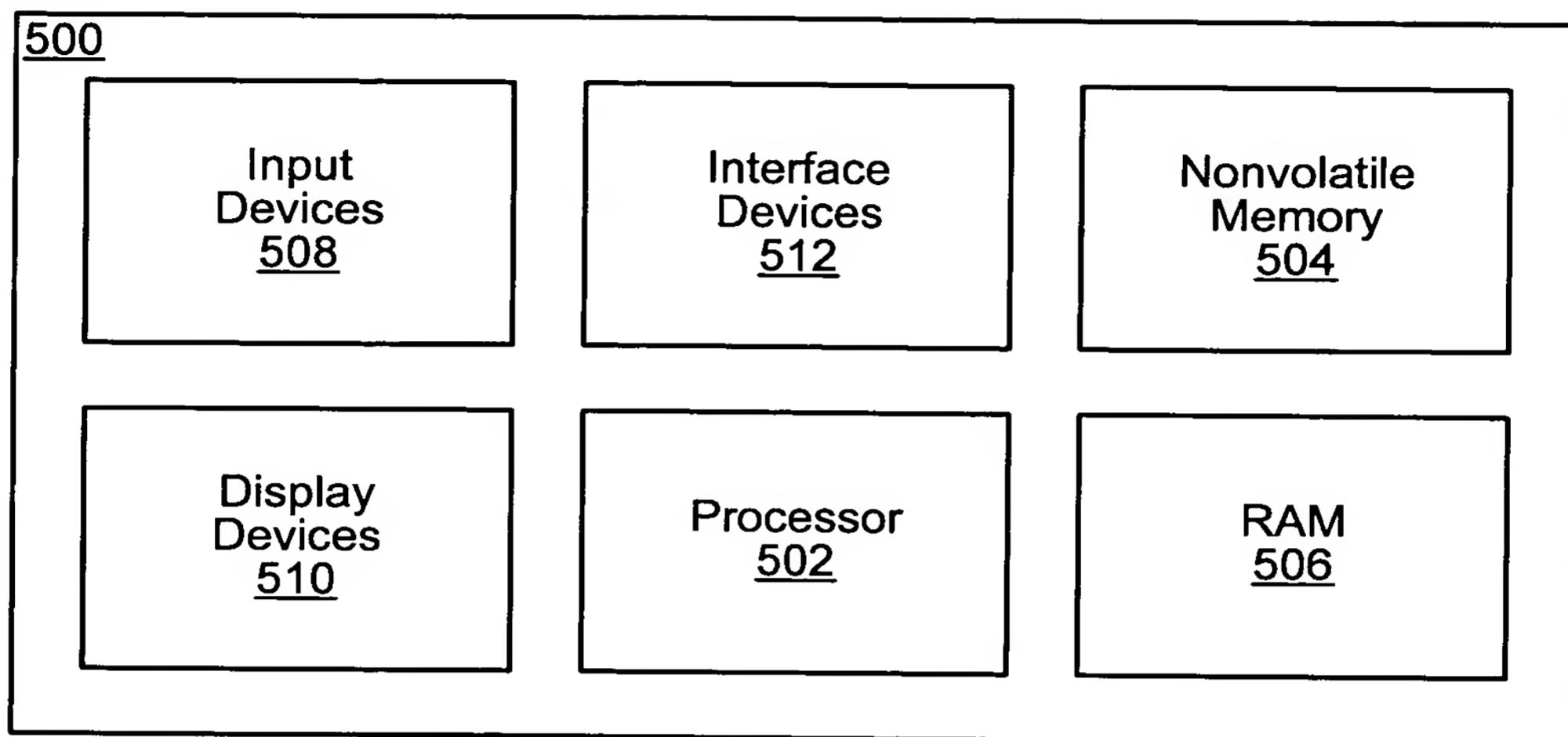


Fig. 4

Fast Track - Pre-Production Schedule Manager

Schedule	Name	Estimated Start	Start	Dependency	Estimated End	Production Start	Production Dependency	# Facilities	# Workers	Notes
1	Tamco Workgroup	27 Oct 03			19 Jul 04	28 August 04		1	6	Probable?

Fig. 5

ACB RCB

Fast Track -- Pre-Production Schedule Set Model

Configuration model: Alhabasca Layout

Facilities Reservoirs

Facilities and Wells

PLAT 01	Facility	Scheduled	Tamco Workgroup
PLAT 02	Facility	Unscheduled	
PLAT 03	Facility	Unscheduled	
PLAT 04	Facility	Unscheduled	
Well P04-01	Production Well	Unscheduled	
Well P04-02	Production Well	Unscheduled	
Well P04-03	Water Injection Well	Unscheduled	
Well P04-04	Production Well	Unscheduled	
Well P04-05	Production Well	Unscheduled	
Well P04-06	Water Injection Well	Unscheduled	
Well P04-07	Water Injection Well	Unscheduled	
Well P04-08	Production Well	Unscheduled	
Well P04-09	Production Well	Unscheduled	
Well P04-10	Production Well	Unscheduled	
Well P04-11	Production Well	Unscheduled	
Well P04-12	Water Injection Well	Unscheduled	
Well P04-13	Production Well	Unscheduled	
Well P04-14	Production Well	Unscheduled	
Well P04-15	Production Well	Unscheduled	
Well P04-16	Water Injection Well	Unscheduled	

Global Parameters

Use common production start

Information

Model name:

By:

Date:

Notes:

Status: Complete

Project start:

Buttons:

Fig. 6

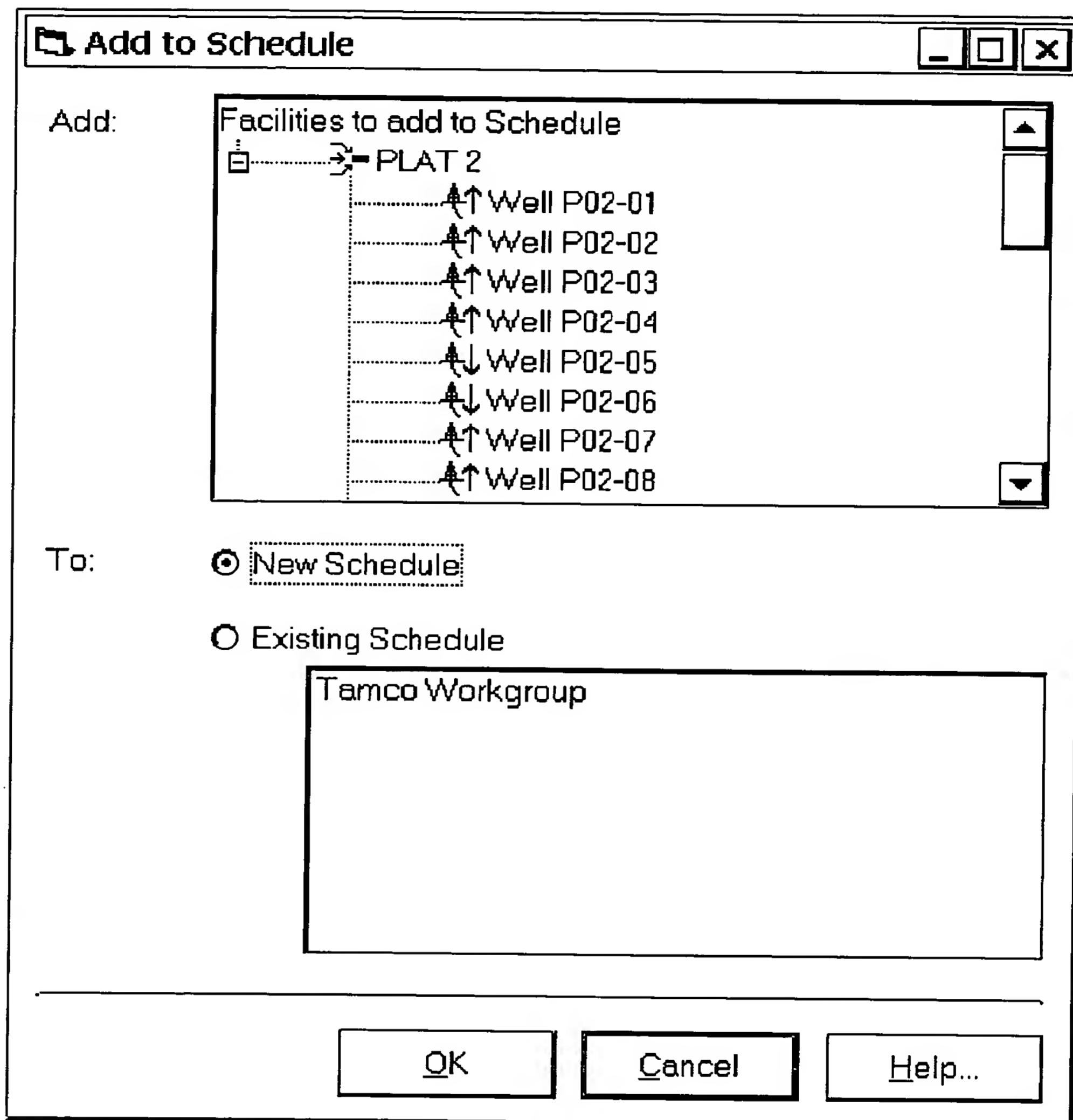


Fig. 7

Peruvian Group -- Pre-Production Schedule

Schedule Parameters

Schedule start: days

Drilling Schedule: Use actual days from Wellbore Planning (if available)

DSA Days per well: days

Well Completion Schedule: After drilling each well After drilling all wells

Delay: days

Days per well: days

Facility Installation Schedule:

Rate: facilities/

of days: days

Production start: days

Estimated Dates

Schedule start: 22 April 2002 based on start rate

Drilling end: 7 August 2004 based on rate

Completion end: 20 August 2004 based on rate

Information

Schedule name: Configuration model: Alhabasca Layout

By: Schedule Set model: Fast Track

Date: Schedule reference date: 1 Dec 2003

Notes:

Well and Facilities Order

Order schedule: Randomly Using the following order:

	Facility Name	Ranking
1	PLAT 2	
1	Well P02-01	
2	Well P02-02	
3	Well P02-03	
4	Well P02-04	
4	Well P02-05	
5	Well P02-06	
7	Well P02-07	
8	Well P02-08	
9	Well P02-09	
10	Well P02-10	
11	Well P02-11	
12	Well P02-12	

W = Actual drilling days available from Wellbore Planning

Buttons

Fig. 8

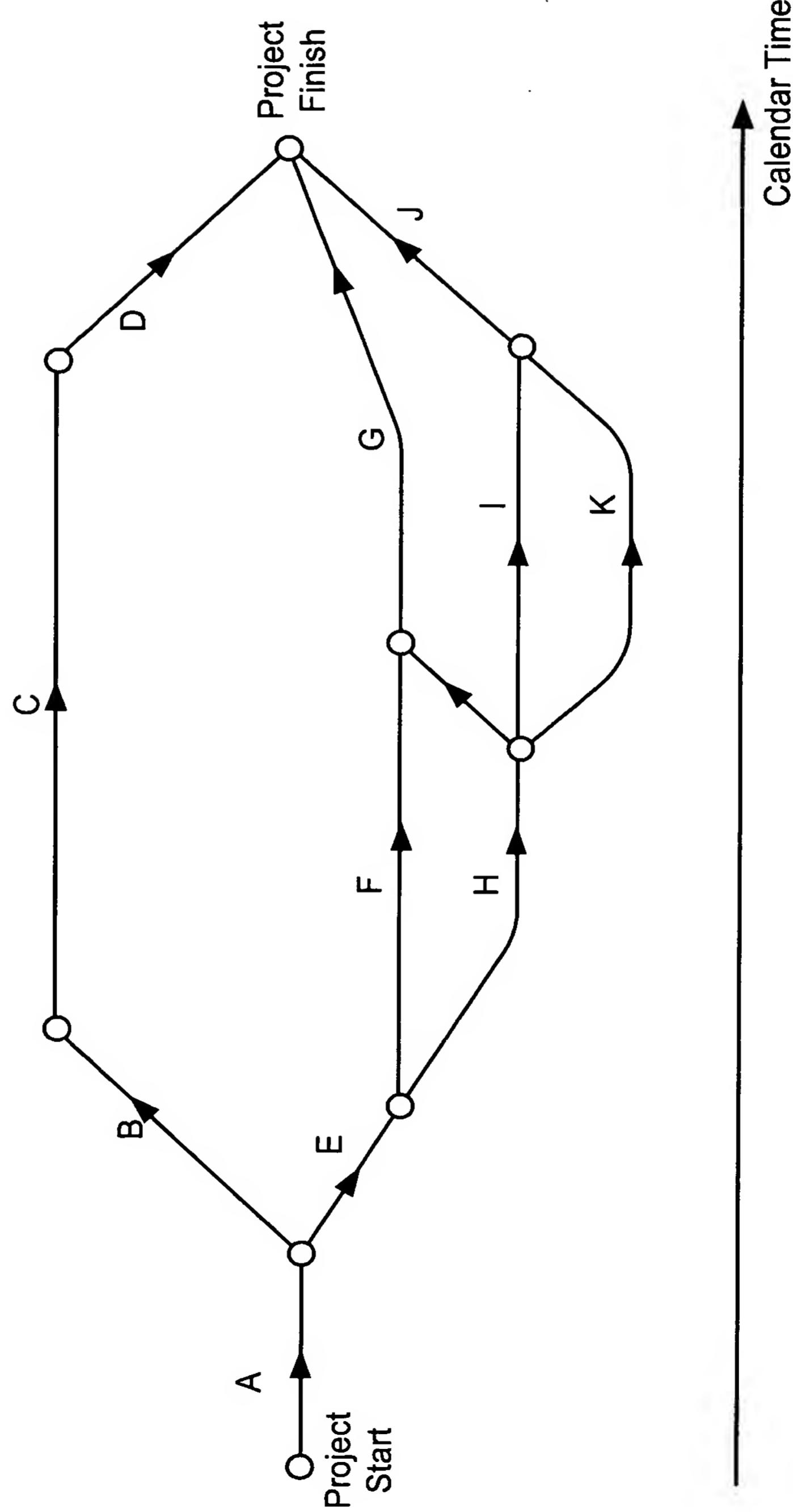


Fig. 9

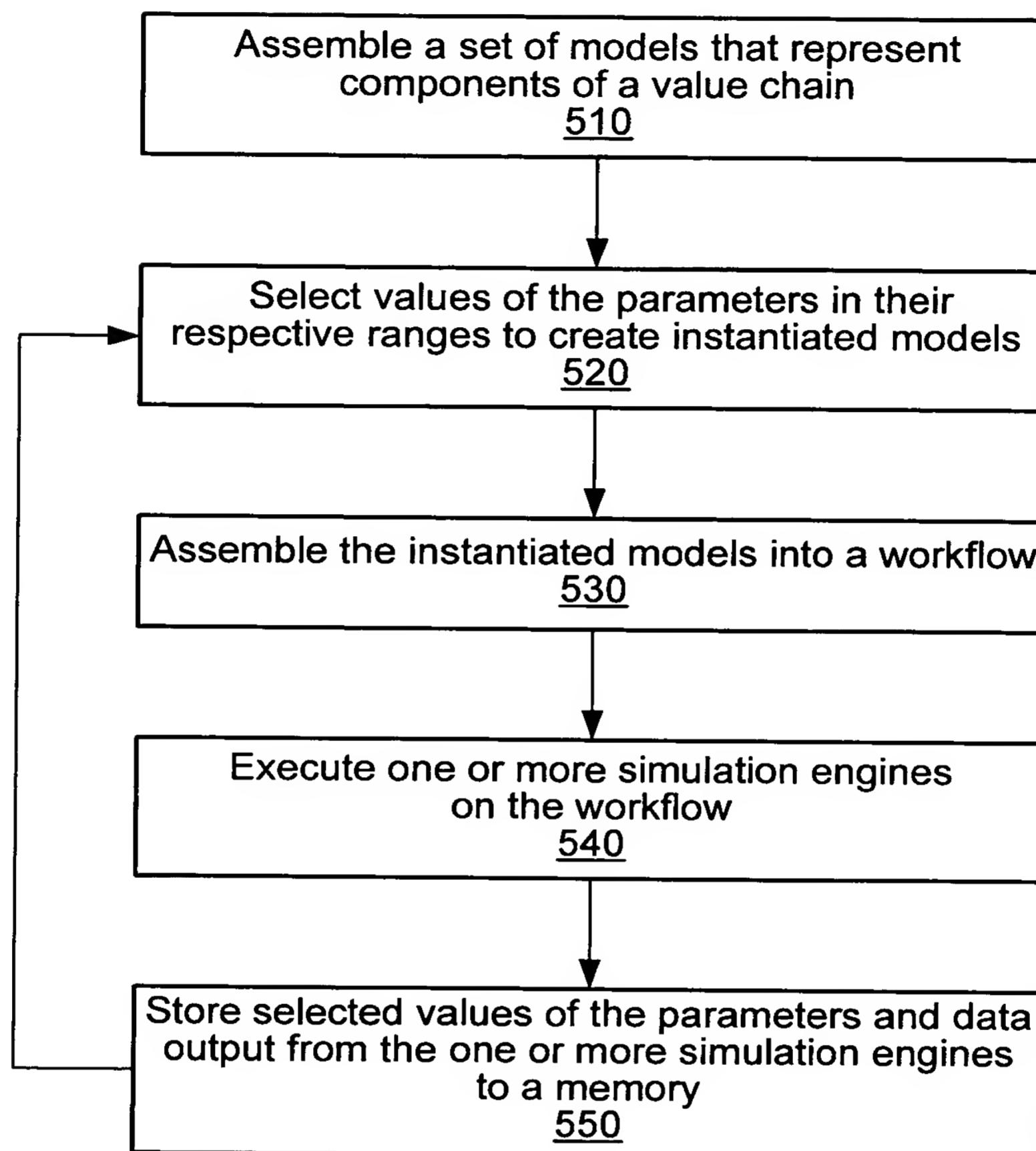


Fig. 10

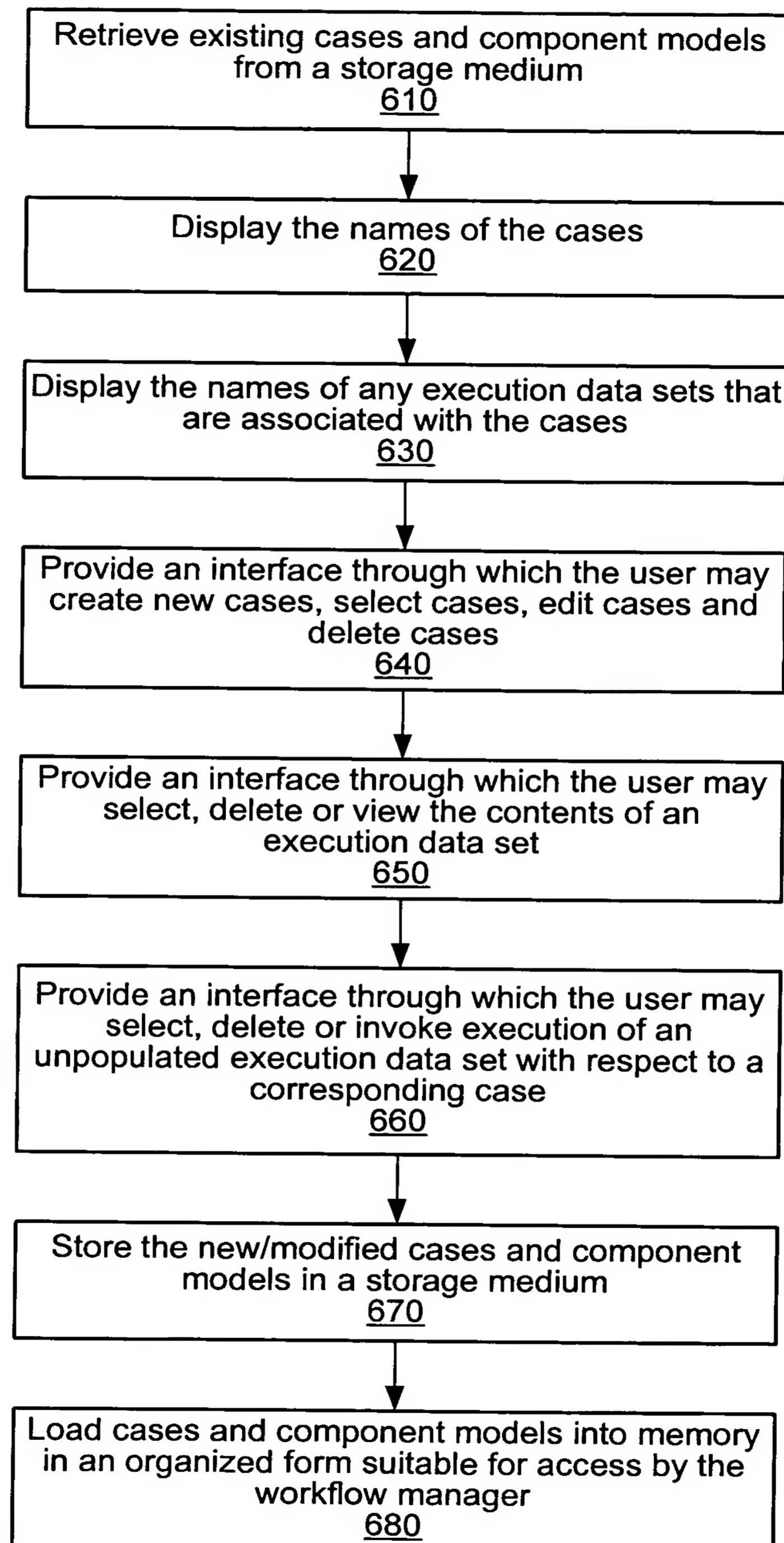


Fig. 11

Case Manager: Main Screen

Block 10 -- DecisionSpace Decision Management System

Case Edit View Models Window Help

Block 10 Decision Workspace

Case Name	Run Name	Status	Type	# Iterations	Date	No
Tertiary A			Case		11:01. 6 Jul 2003	
Tertiary A	Sim 1	Complete	Sensitivity Analysis	03	13:23. 14 Jul 2003	
Tertiary A	Sim 2	Halted	Discrete Combinations	233	12:46. 23 Jul 2003	
Tertiary A	Sim 3	Complete	Discrete Combinations	215	08:03. 5 Sep 2003	
Tertiary B			Case		13:23. 14 Jul 2003	
Tertiary B	Sim 1	Complete	Stochastic Simulation	38	13:23. 14 Jul 2003	
Tertiary B	Sim 2	Complete	Sensitivity Analysis	83	13:23. 14 Jul 2003	
Tertiary B	Sim 3	Defined	Stochastic Simulation	33	09:38. 18 Jul 2003	

Sim 3 Run completed (Tertiary A Case)

Fig. 12

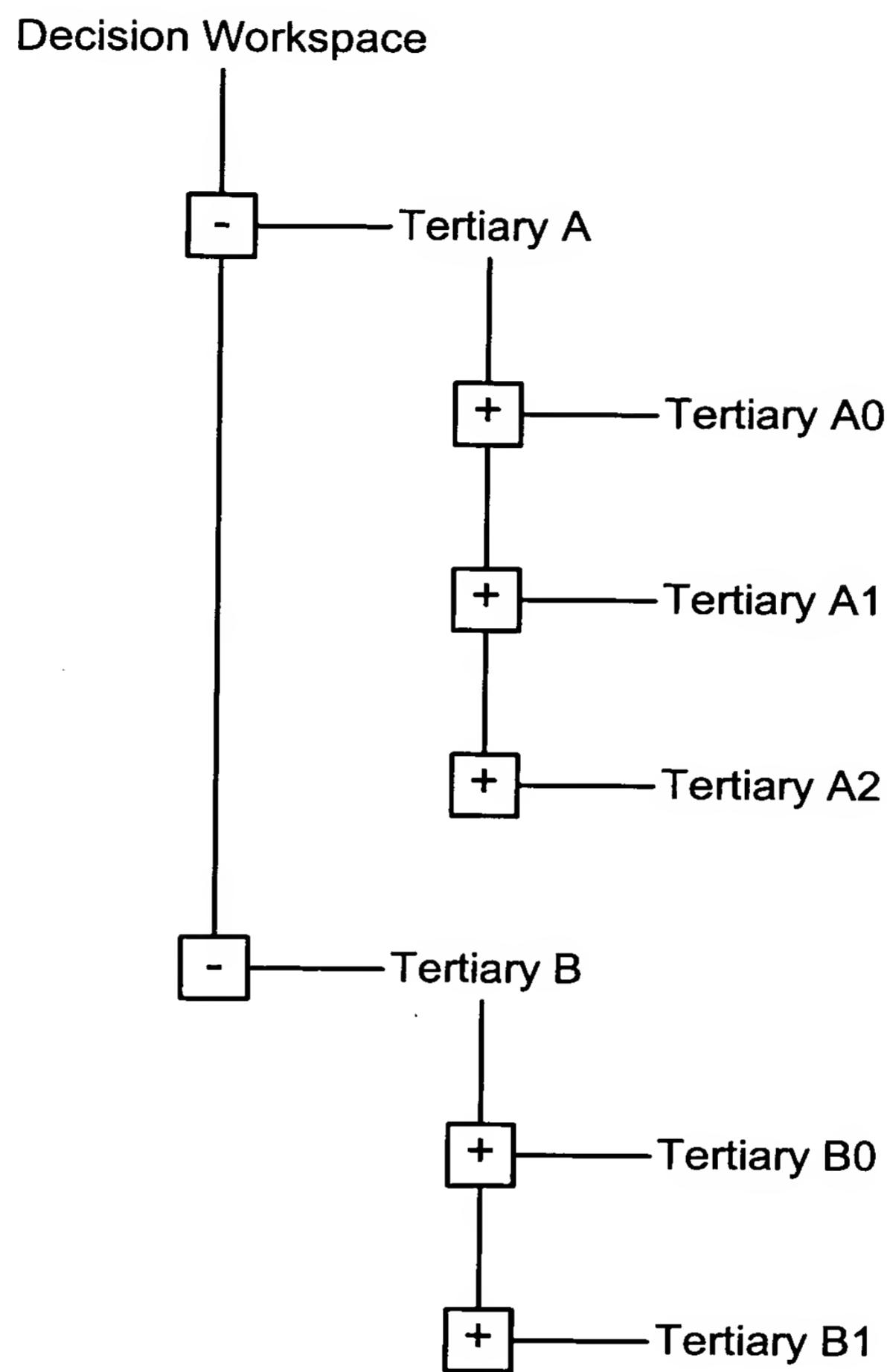


Fig. 13